



Capping Machine For Lid Assembly Labeling And Testing

Our Product Introduction

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Basic Information

- Place of Origin: Shanghai
- Brand Name: Quanstar
- Certification: ISO 9001
- Minimum Order Quantity: 1
- Delivery Time: 90
- Payment Terms: T/T



Product Specification

- Name: Capping Machine
- Automation: Robotic
- Application: Medical, Commodities And More
- Controller: PLC
- Cycle Time: 0.86 S/PC
- Type: Rotary Indexing Table
- Highlight: **Capping machine for lid assembly ,
Capping machine for testing ,
Capping machine for labeling**

Product Description

Capping machine for lid assembly, labeling and testing

The main processes of the machine are Servo screw cap, automatic grab, automatic spacing, feeding, unloading and packing. The main features of the machine are high speed assembly, torque control accuracy and leak-proof.

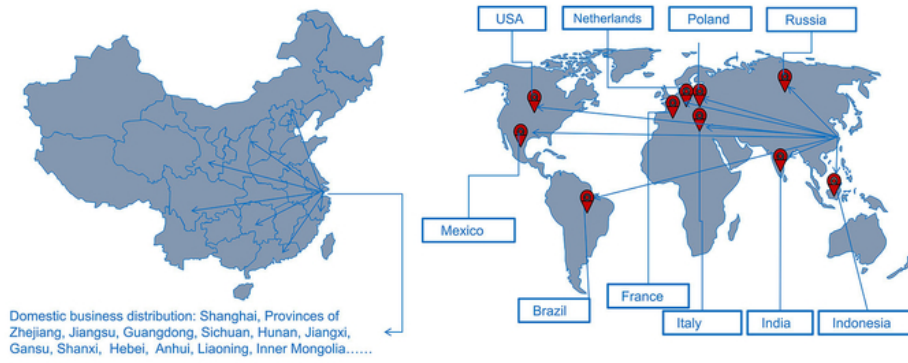
Category	Parameter	Description
General Specifications	Machine Type	Automatic lid assembly machine
	Production Capacity	50 to 500 units per minute (depending on model)
	Power Supply	220V/380V, 50/60Hz
	Air Pressure Requirement	0.5-0.7 MPa
	Machine Dimensions	Varies by model (e.g., 2000mm x 1500mm x 1800mm)
	Machine Weight	Varies by model (e.g., 800kg to 1500kg)
Feeding System	Lid Feeding	Vibratory bowl feeder or conveyor system
	Base Feeding	Automated feeding of container bases
Assembly Process	Lid Orientation	Automatic orientation and alignment of lids
	Lid Placement	Precision robotic arm or pneumatic system for lid placement
	Sealing Mechanism	Integrated sealing system (e.g., ultrasonic, thermal, or pressure sealing)
	Torque Control	Adjustable torque control for screw-on lids
Inspection System	Quality Inspection	Vision system or sensors for defect detection (e.g., misalignment, cracks)
	Rejection System	Automatic rejection of defective lids
Material Handling	Lid Material Compatibility	Plastic, metal, or composite materials
	Base Material Compatibility	Plastic, glass, or metal containers
Control System	Human-Machine Interface (HMI)	Touchscreen PLC interface for easy operation and monitoring
	Automation Level	Fully automatic with minimal manual intervention
	Data Logging & Reporting	Records production data for quality control and analysis
Safety Features	Emergency Stop	Instantly halts machine operation in case of emergency
	Safety Guards	Enclosed safety guards to protect operators
	Overload Protection	Prevents damage due to overloading or jamming
Maintenance & Durability	Maintenance Requirements	Regular lubrication and part replacement as per manufacturer guidelines
	Machine Lifespan	Designed for long-term use with durable components
Customization Options	Lid Size Range	Adjustable for various lid diameters and heights
	Container Compatibility	Customizable for different container types and sizes
	Integration with Other Systems	Can be integrated with upstream/downstream production lines

Quanstar Intelligent Controls (Shanghai) Co.,Ltd. specialized in creating custom automation solutions tailored to each client's need. We have a high reputation for providing custom automated manufacturing, processing, assembling and packing solutions for all industries including:

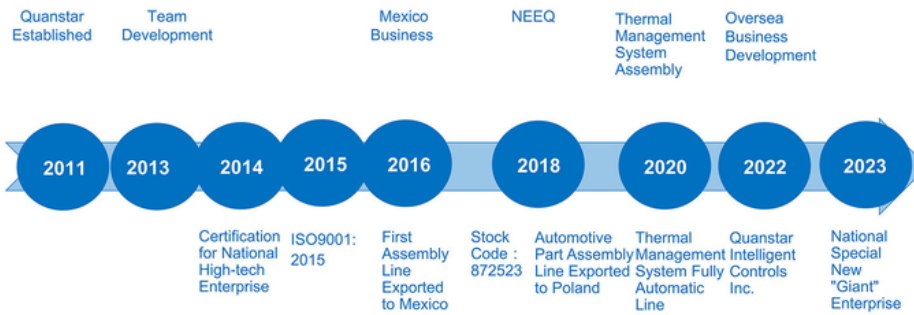
- Automotive
- Medical
- Healthcare
- Industrial
- Cosmetics
- Commodities

Core competencies of our manufacturing automation solutions:

- Resistance and laser welding
- Ultrasonic and RF Welding
- Industrial robot integration for flexible, multi-axis problems
- Material handling
- Power & free linear transfer systems
- Servo press
- Vision inspection
- Build to print
- Precision machining
- Lean cells
- Leak testing
- Traceability



Development History



We are committed to providing customers with high-quality, competitive products and services. A project cooperation process usually includes the following key steps.



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